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CLASSIFICATION SECRET
CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

COUNTRY Germany (Russian Zone)
SUBJECT Testing for Uranium at Object 9, Aue

PLACE ACQUIRED [REDACTED] 25X1A
DATE OF INFO ACQUIRED [REDACTED]

REPORT NO. [REDACTED]

CD NO. 25X1A

DATE DISTR. 19 April 1950

NO. OF PAGES

NO. OF ENCLS. 2
(LISTED BELOW) 25X1C

SUPPLEMENT TO

The attached report is sent to you for retention in the belief that it may be of interest to you.

Encls.: 1. covering memo (1 page)
2. [REDACTED] (221 pages)

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**THIS DOCUMENT HAS AN ENCLOSURE ATTACHED.
DO NOT DETACH**

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S E C R E T

1. The geophysics section of Object 9 in Ave is engaged in systematically checking the operational area assigned to it for any deposits of radioactive ore by means of an air testing device. The method employed is described as follows:

A. A section of the map of the area is divided into so-called profiles, each profile corresponding to a segment of the actual terrain. Each segment of the terrain is assigned to teams consisting of two persons. One person operates a drill which bores a hole in the ground to a depth of 5 meters. A metal pipe approximately 1 meter long is then inserted into the hole. The protruding end of the metal pipe is covered with sand or earth. The other person operating the air testing device tests the air aboveground for 1 minute and jots down the reading as indicated on the scale of the instrument. By means of an ordinary bicycle pump, the air contained in the metal pipe buried in the ground is extracted and ejected into the chamber of the air testing device. The chamber is made of brass, is about 20 cm x 20 cm x 12 cm and can hold one liter of air. After an interval of one minute, the reading indicated on the scale of the instrument is jotted down. The scale on the old instruments ran from 10 to 100; the scale on the new instrument now employed runs from 1 to 14 but each reading has to be multiplied by 10.

2. No thorough investigation concerning the instrument itself was possible and hence, an accurate description or drawing of the instrument could not be obtained. [REDACTED] Zeiss-Ikon has been constructing a detector device for ore deposit research the principle of which is unknown. Further information states that the instrument has been identified as a Zeiss-Ikon make.

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3. The attached [REDACTED] of a log book kept by a team operating this instrument. Each page of the logbook has 8 columns:

Column 1 indicates the depth in meters where a hole has been drilled.

Column 2 indicates that the air aboveground has been tested.

Column 3 indicates that the air aboveground has been tested for one minute.

Column 4 indicates the result obtained after one minute's testing.

Column 5 indicates that the air from the pipe in the ground has been tested.

Column 6 indicates that the air from the pipe in the ground has been tested for one minute.

Column 7 indicates the result obtained after one minute's testing.

Column 8 indicates the final result which is computed by comparing both testing results and subtracting one from the other.

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ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-01 BY [REDACTED]

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